

**DRIVING DIRECTIONS:**  
 From Exit 20 I-95  
 1. Proceed north on US 17 5.3 miles, turn right (east) onto GA-520 E  
 2. Proceed west 0.6 miles, turn right (south) at the traffic circle on South Beachview Drive.  
 3. Proceed south .7 miles to project site on left (east).

**GENERAL DRAWING NOTES:**

- a. These drawings are submitted on a survey by C. Teeple Hill, Ga. R.L.S.# 3081, titled 'A TREE, TOPOGRAPHIC AND SPA JURISDICTION LINE SURVEY OF TRACT 2 LEASE LIMITS', dated 4/11/18, DRAWING #14007-4.
- b. 11"x17" sheets with 1" left margin
- c. Drawn to scale w/ bar scale and north arrow

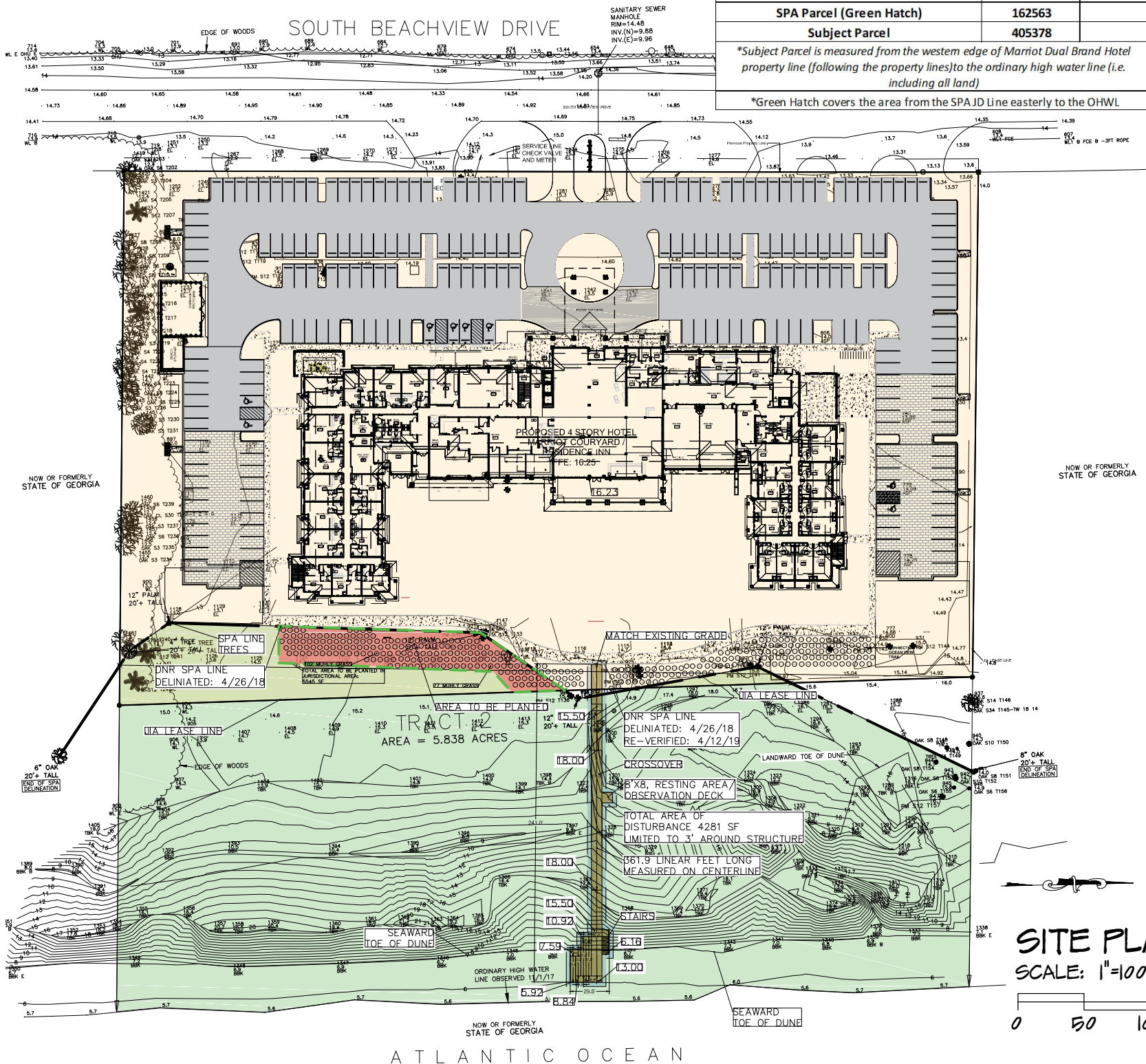
7.4 - Table of Areas		
	Square Footage	Percentage
Crossover Area	4281	
Planting Area	5545	
<b>Subtotal of Project Areas</b>	<b>9826</b>	<b>6.04%</b>
<b>Area to Remain Natural Within SPA Parcel</b>	<b>152737</b>	<b>93.96%</b>
<b>SPA Parcel (Green Hatch)</b>	<b>162563</b>	
<b>Subject Parcel</b>	<b>405378</b>	

*\*Subject Parcel is measured from the western edge of Marriott Dual Brand Hotel property line (following the property lines) to the ordinary high water line (i.e. including all land)*

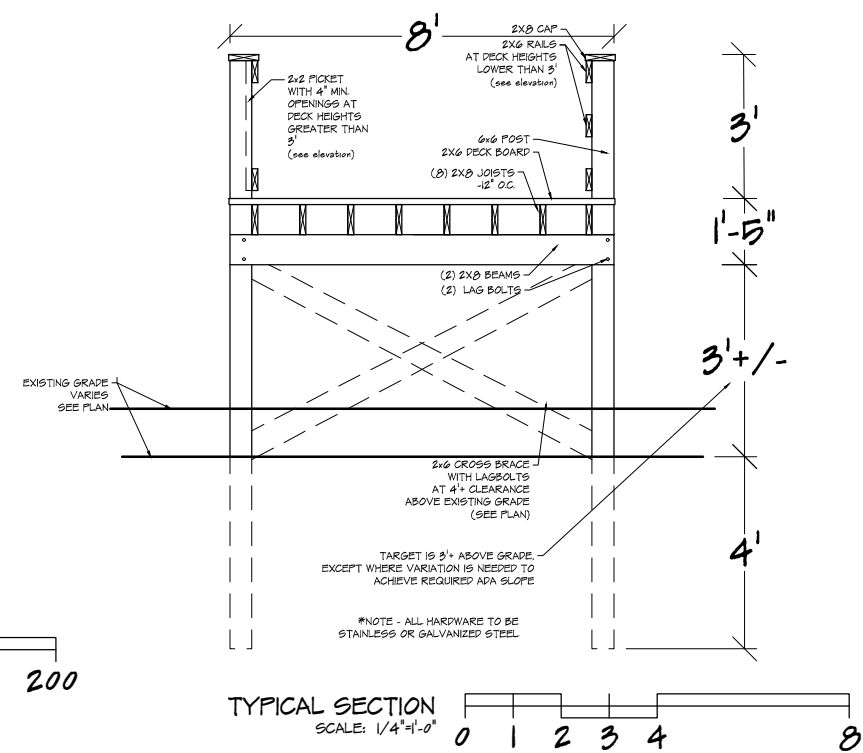
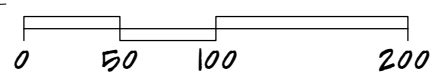
*\*Green Hatch covers the area from the SPA/JD Line easterly to the OHWL*

# PROJECT NARRATIVE

1. **Basic Project Details** - JIDB Oceanfront Hotel, LLC (AKA The Jekyll Island Marriott Courtyard/Residence Inn) proposes to construct a new wood pedestrian beach crossover structure, spanning the sand dunes, and plant native grasses.
2. **Location** - The proposed improvements are located on the eastern side of a hotel development, currently under construction, on a 5.838 AC tract located in Glynn County, GA at 178 South Beachview Drive, Jekyll Island, GA 31527. Latitude 31° 02' 15" Longitude -81° 24' 52". See attached vicinity map for exact locations.
3. **Dimensions** - The proposed crossover shall be 8' wide and approximately 362' in length, measured on the center line. An area of approximately 5545 square feet will be planted with native ornamental grasses (Muhlenbergia capillaris). The area shall be irrigated by an irrigation system located landward of the SPA Jurisdictional Area.
4. **Construction methods, materials, and access** - All construction access shall occur from the applicant's property. The work shall be performed by a Georgia Licensed General Contractor with power hand tools. No heavy equipment or machinery shall enter the jurisdiction area. Construction activity around the existing structure shall minimize disturbance to dune vegetation and root mass and shall be limited to within 3 feet of the structure. Any native dune vegetation impacted by construction activity shall be replaced with like kind. Materials shall be marine grade pressure treated or other natural wood and marine grade stainless steel or galvanized fasteners and hardware. Best Management Practices (BMPs) shall be used and no unauthorized equipment, materials, or debris shall be placed, disposed of, or stored in the jurisdictional areas. There shall be no construction fencing used in the jurisdictional area
5. **Intended Use** - The proposed crossover is intended to allow residents, visitors, and guests of The Jekyll Island Marriott Courtyard/Residence Inn to safely access the beach without disturbing the sensitive sand dune ecosystem. The proposed crossover shall be ADA compliant and include an 8'x8' observation deck/resting area approximately halfway along the crossover to allow those with disabilities a place of rest. The main portion of the crossover shall be 8' wide to allow consistent flow for wheelchairs to pass each other. The switchback section shall be 4' wide to help limit the amount of parallel structure along the ordinary high water line and seaward toe of dunes.
6. **Size** - The estimated total area of disturbance is 9826 square feet (0.226 AC) (Crossover Area- 4281 square feet, Planting Area - 5545 square feet). No trees or significant vegetation shall be disturbed or removed. No grading or filling is necessary or proposed. No bulkheads are proposed.
7. **Design Standards** - This project meets and/or exceeds all applicable design criteria:
  - 7.1. Construction impacts are minimal and temporary (see construction methods above).
  - 7.2. Areas shall be completely restored if disturbed (see construction methods above).
  - 7.3. The project maintains the normal functions of the sand-sharing system in minimizing damage from storms, waves, and erosion for this property and neighboring properties through the porous nature of the wood structures.
  - 7.4. This project exceeds the requirement to retain at least 1/3 of the parcel in its naturally vegetated and topographic condition. Approximately 95% of this parcel, measured from the SPA Jurisdiction Line easterly to the Ordinary High Water Line and extending imaginary lines from the North and South Property Lines easterly to the Ordinary High Water Line, remains in a natural or naturalized vegetated and topographic condition. Furthermore, the Jekyll Island Authority land (between the parcel and SPA jurisdiction area) remains 100% naturally vegetated and topographically undisturbed.



**SITE PLAN**  
 SCALE: 1"=100'-0"

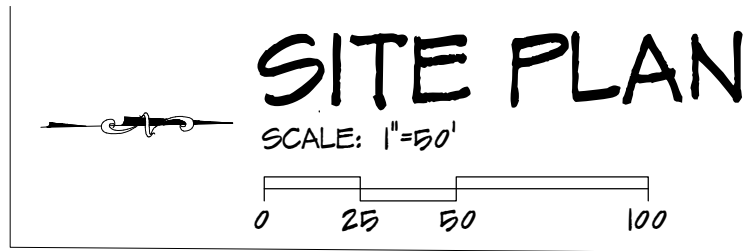
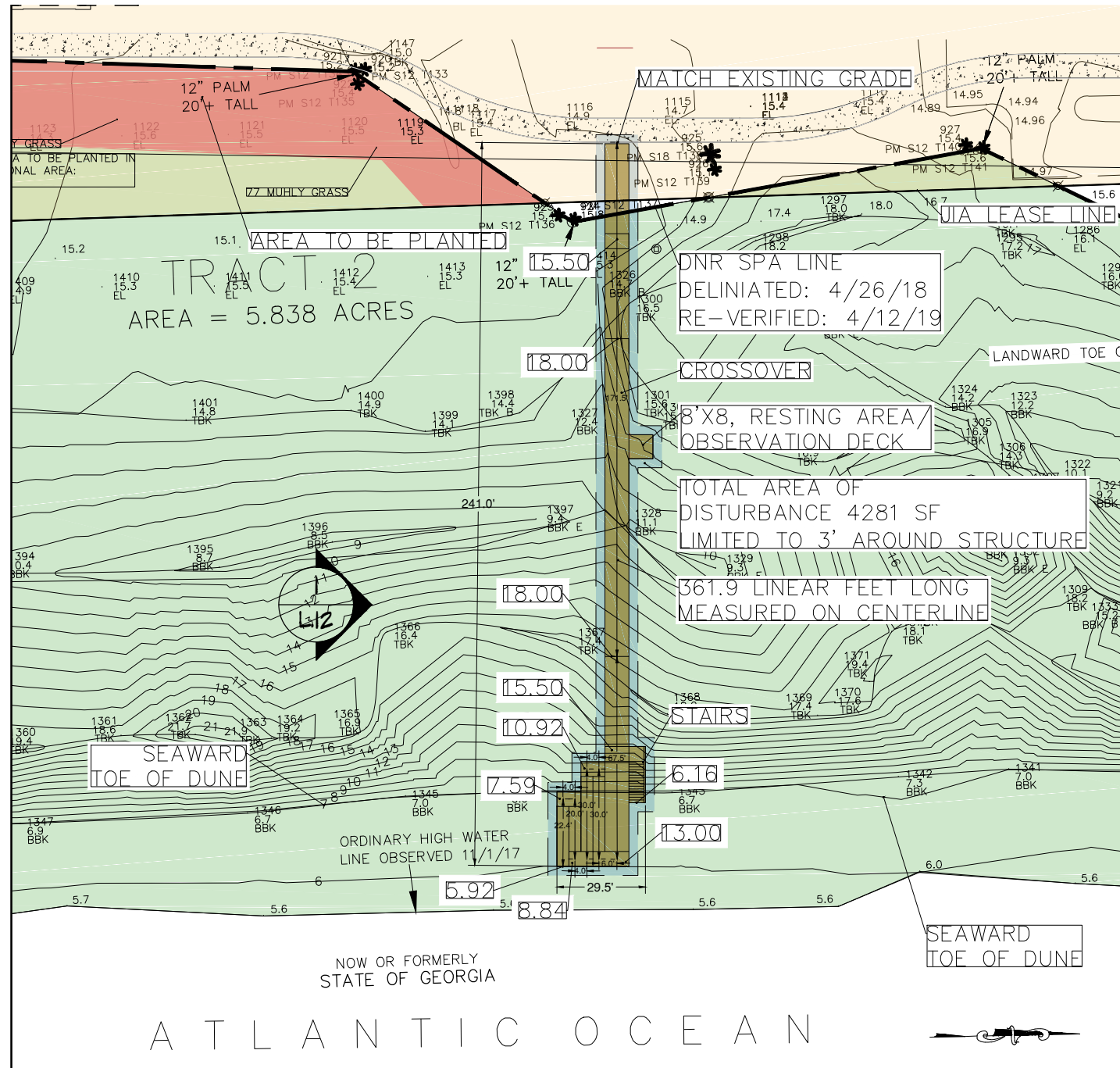


**TYPICAL SECTION**  
 SCALE: 1/4"=1'-0"

Rev: 12/6/19  
 Rev: 10/24/19  
 Rev: 9/27/19  
 Rev: 8/22/19  
 Rev: 6/14/19  
 Rev: 3/25/19  
 Date: 1/23/19  
 Scale: as shown  
 Sheet: L.1







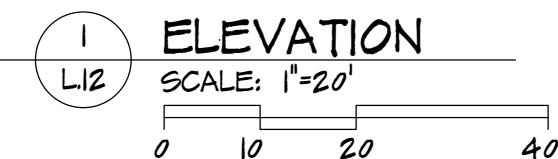
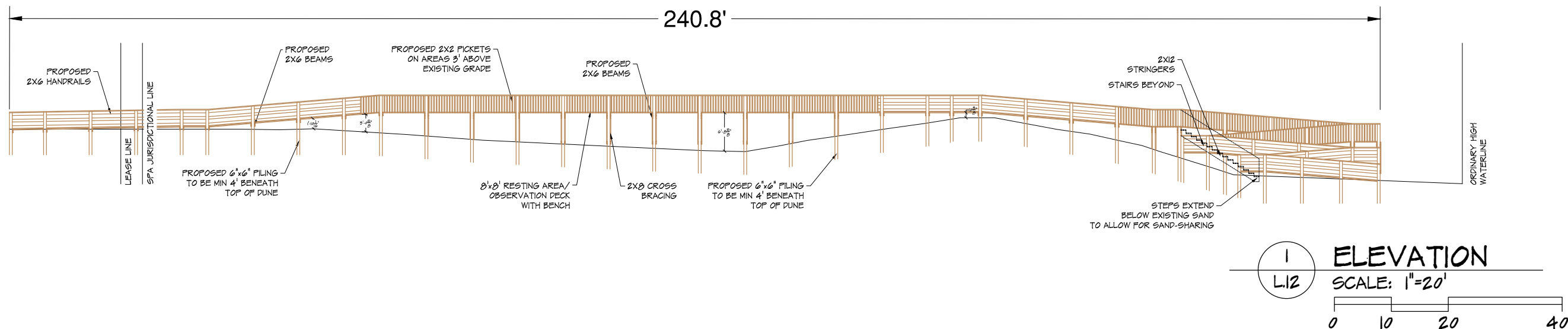
## CROSSOVER SITE CALCULATIONS

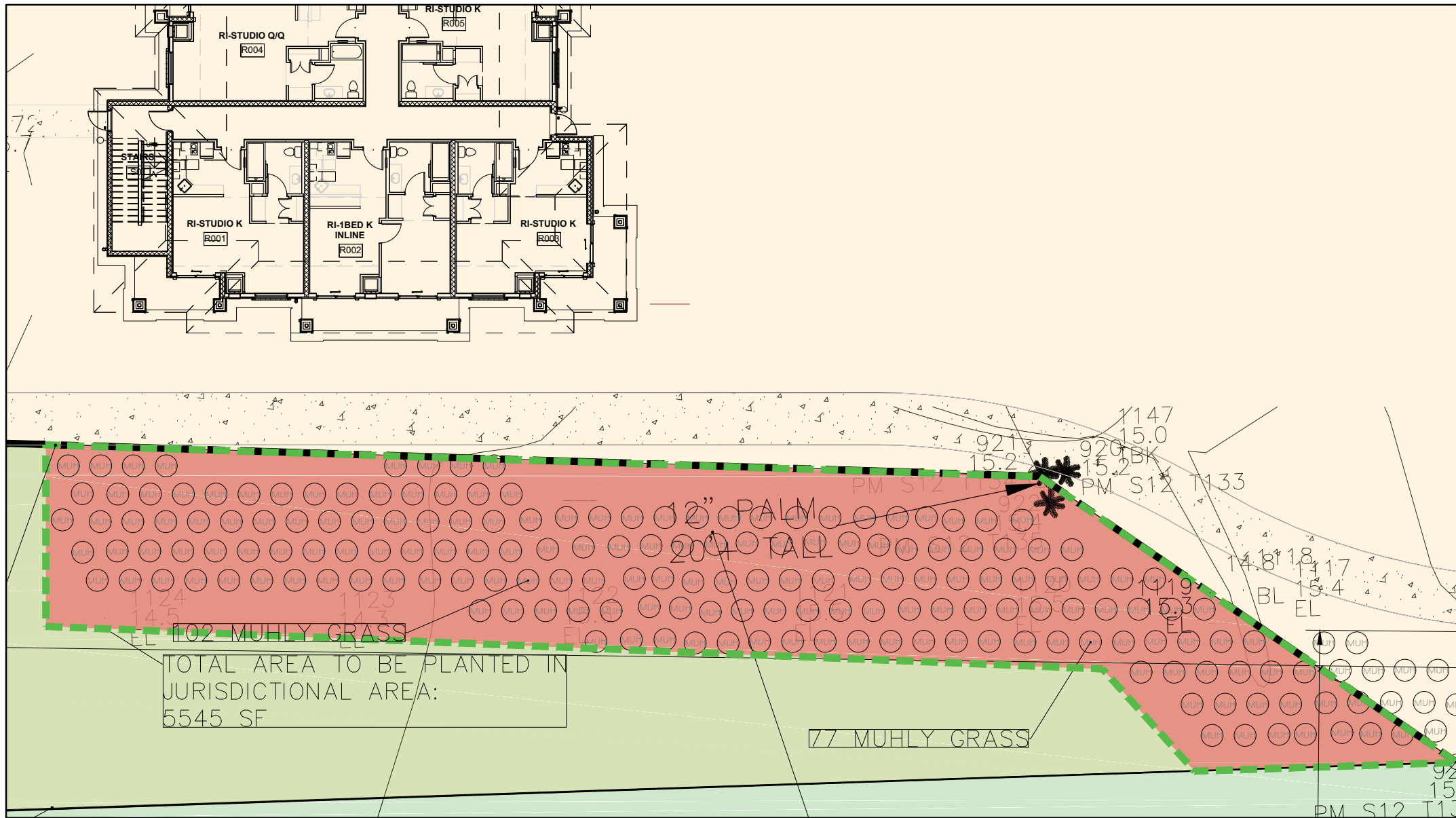
- a. PROPOSED FEATURES SHOWN
- b. A PORTION OF THE PROJECT AREA IS ON JEKYLE ISLAND AUTHORITY PROPERTY
- c. SEE SITE PLAN FOR EROSION CONTROL DEVICES, SIGNIFICANT NATURAL VEGETATION, LANDSCAPING, TOPOGRAPHICAL FEATURES, SIGNIFICANT DRAINAGE PATTERNS
- d. DNR SHORE JURISDICTION LINE WAS DELINEATED ON APRIL 26, 2018 AND RE-VERIFIED APRIL 12, 2019 WITH AN EXPIRATION DATE OF APRIL 12, 2020
- e. PROJECT/STRUCTURE DIMENSIONS SHOWN
- f. SQUARE FOOTAGE CALCULATIONS

F - Square Footage Calculations		
	Square Footage	Hatch Color
*Subject Parcel	405378	
Marriott Courtyard/Residence Inn Property	254338	Orange
Project Area Limited to 3' Around Structure	4281	Blue
Crossover Structure	2574	Brown
Area of Crossover Structure outside SPA Jurisdiction	162	
Area of Crossover Structure within SPA Jurisdiction	2412	Brown
<b>Total Area of SPA Jurisdiction</b>	<b>162563</b>	<b>Green</b>

\*Subject Parcel is measured from the western edge of Marriott Dual Brand Hotel property line (following the property lines) to the ordinary high water line (i.e. including all land)

- g. NAVIGABLE CHANNEL DIMENSIONS: N/A
- h. SECTION ELEVATION SHOWS CROSS-SECTION VIEW USING SAME WATER ELEVATIONS AS SITE PLAN
- i. WATER DEPTH SHOWN AT WATER-WARD FACE OF PROJECT. N/A - PILING DIMENSIONS SHOWN.



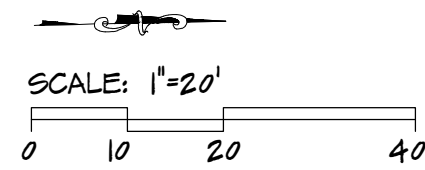


# SITE CALCULATIONS PLANTING

- a. EXISTING AND PROPOSED FEATURES SHOWN
- b. THE PROJECT AREA IS ON MARRIOTT COURTYARD RESIDENCE INN PROPERTY
- d. DNR SHORE JURISDICTION LINE WAS DELINEATED ON APRIL 26, 2018 AND RE-VERIFIED APRIL 12, 2019 WITH AN EXPIRATION DATE OF APRIL 12, 2020
- e. PROJECT/STRUCTURE DIMENSIONS SHOWN
- f. SQUARE FOOTAGE CALCULATIONS

F - Square Footage Calculations		
	Square Footage	Hatch Color
*Subject Parcel	405378	
Marriott Courtyard/Residence Inn Property	254338	Orange
Footprint of Planting Area	5545	Red
Total Area of SPA Jurisdiction	162563	Green

- g. NAVIGABLE CHANNEL DIMENSIONS SHOWN: N/A
- h. SECTION ELEVATION SHOWS CROSS-SECTION VIEW USING SAME WATER ELEVATIONS AS SITE PLAN
- i. WATER DEPTH SHOWN AT WATER-WARD FACE OF PROJECT: N/A

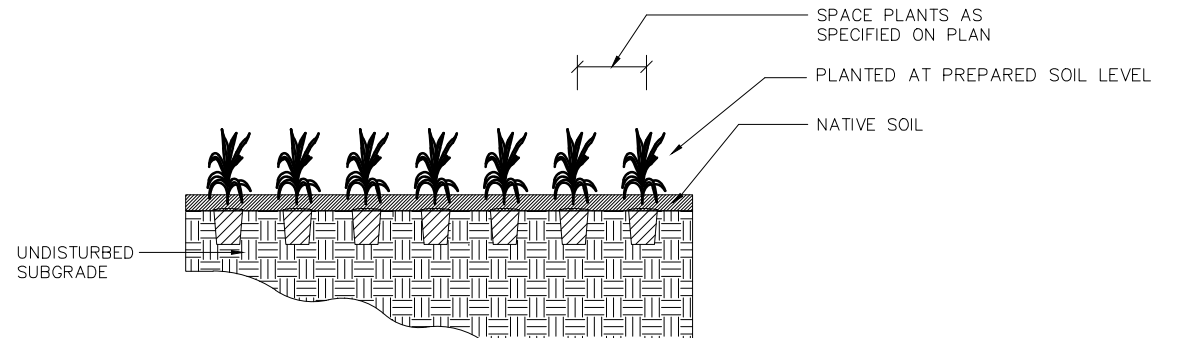


LAND DESIGN  
ASSOCIATES, INC.  
  
LANDSCAPE  
ARCHITECTURE  
DESIGN/BUILD  
PLANNING  
  
228 REDFERN VILLAGE #203  
ST. SIMONS ISLAND, GA 31522  
912.571.1137  
LandDesignAssociates@gmail.com

GA DNR SPA Permit Application for  
**Jekyll Marriott Courtyard/Residence Inn**  
Jekyll Island, Georgia

TOTAL AREA TO BE PLANTED IN JURISDICTIONAL AREA:  
5545 SF

- a. ALL PLANTING SHALL BE DONE BY HAND TOOLS
- b. IRRIGATION SHALL BE FROM A SYSTEM LOCATED LANDWARD OF THE SPA JURISDICTIONAL AREA



MUHLY GRASS PLANTING DETAIL  
NOT TO SCALE

Rev: 12/6/19  
Rev: 10/24/19  
Rev: 9/27/19  
Rev: 8/22/19  
Rev: 6/14/19  
Rev: 3/25/19  
Date: 2/12/19  
Scale: as shown  
Sheet: L.3



The applicant proposes to plant native grasses and to construct a new ADA compliant crosswalk with an observation deck within SPA jurisdiction. The proposed ADA compliant crosswalk will be constructed using hand tools and marine grade pressure treated wood. The proposed 359 ft. long ADA complaint crosswalk will run east over the dunes for a stretch of 97 ft. in length by 8 ft. wide (Figure A) where a proposed 8 ft. by 8 ft. observation deck (Figure B) will be constructed off the north end, serving as a resting area. The crosswalk will continue along that 97 ft. long section that runs parallel to the observation deck for 96 ft. (Figure C) until it intersects with a 5 ft. 6 in. X 5 ft. landing (Figure D) that bumps out to the north and connects to a staircase that extends 13 ft. 9 in. (Figure D) east towards the Atlantic Ocean. The crosswalk will continue east from that 96 ft. section for an additional 35 ft. (Figure E) where it intersects with a landing that is 5 ft wide by 12 ft long (Figure F). The crosswalk will continue from that landing west on a section that is 4 ft wide X 25 ft long (Figure G) to a landing that is 5 ft wide X 8 ft long (Figure H). The crosswalk will continue east on a section that measure 4 ft wide X 25 ft long (Figure I) to a landing measuring at 5 ft wide X 8 ft long (Figure J). The crosswalk will continue west on a section that is 4 ft wide X 15 ft long section (Figure K) to a landing that measures 5 ft wide X 8 ft long (Figure L). The crosswalk will continue east on a section that measures 4 ft wide X 20 ft long (Figure M) where it will terminate on the beach. The total finished area of the crosswalk structure is proposed to be approximately 2,574 sq. ft. In addition to the dune crosswalk, the applicant proposes to plant ornamental native grasses, predominantly Muhly Grasses, in a temporarily impacted footprint of approximately 5,545 sq. ft. within SPA jurisdiction. As proposed, approximately 162,563 sq. ft. (100%) of the State’s jurisdictional area would remain in a natural or improved topographic and vegetative condition.

See Figures below for illustrations of Crosswalk Areas:

Figure A

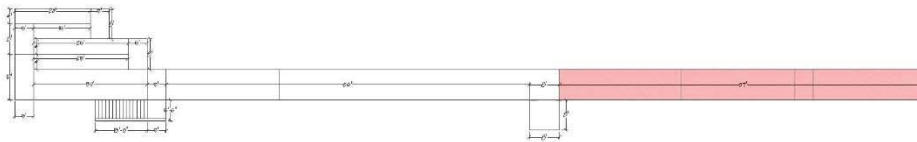


Figure B



Figure C

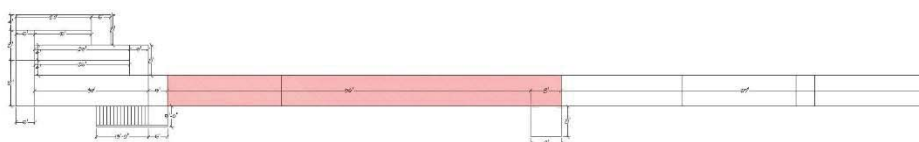


Figure D

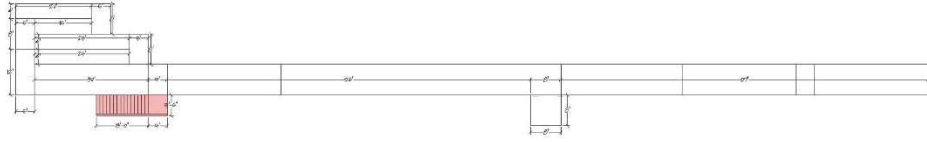


Figure E

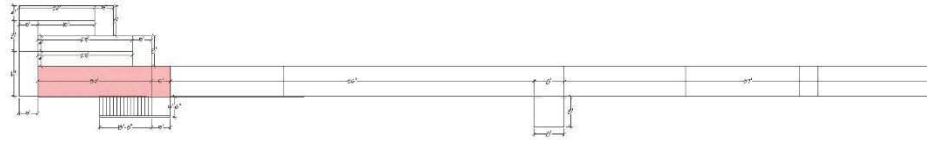


Figure F

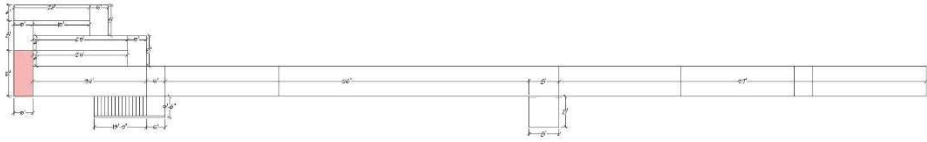


Figure G

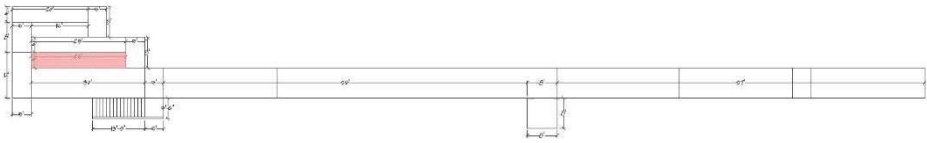


Figure H



Figure I

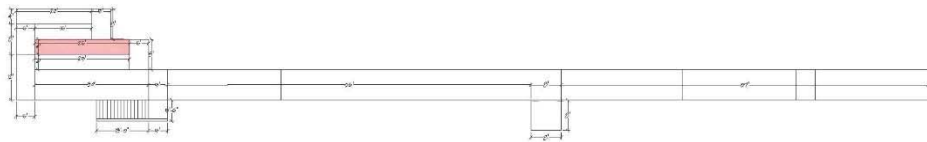


Figure J

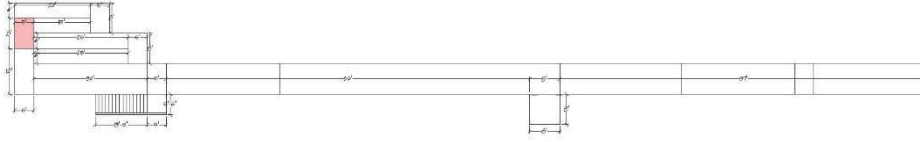


Figure K

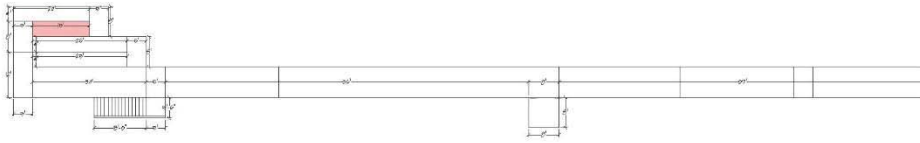


Figure L

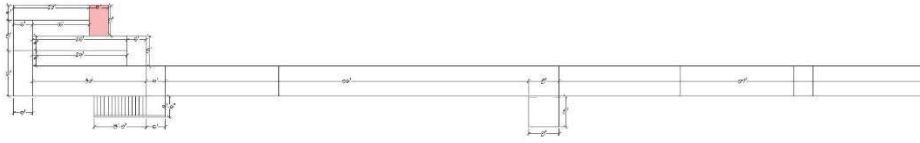


Figure M

